

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 41

Application Number 10/508,950 ✓

Filing Date 04/12/2005

First Named Inventor Londry

Art Unit 2881

Examiner Name

Attorney Docket Number 31603-2061

**ENCLOSURES (check all that apply)**☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/  
Incomplete Application☐ Reply to Missing Parts  
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board  
of Appeals and Interferences☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)  
(please identify below):

Non-patent references

Cover letter to IDS

**Remarks****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

TORYS LLP - Customer No. 33721

Signature

Printed Name

John C. Hunt

Date

May 20, 2005

Reg.  
No.

36424

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Date

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of      Londry *et al*  
Serial No.:                10/508,950  
Filing or 371(c) Date:    04/12/2005  
Title:                      Fragmentation of Ions by Resonant Excitation in a High Order  
                                 Multipole Field, Low Pressure Ion Trap  
Art Unit:                  2881  
Atty's Docket No.:        31603-2061  
Customer No.:            33721                      Confirmation No.:        5044

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450  
USA

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

Applicants submit herewith patents, publications, and other information of which he is aware, which he believes may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103, and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is believed to be filed before the mailing date of a first Office Action on the merits.

The Office has waived the requirement pursuant to 37 CFR §1.98(a)(2)(i) for submitting a copy of each cited US patent and each US patent application publication for all US national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003. Therefore, no copies of each cited US patent are enclosed, but the cited US patents are listed on the attached PTO/SB/08a.

Any telephone call regarding this submission should be made to the undersigned at (416) 865-8121.

Yours very truly,



John C. Hunt  
Registration No. 36424

May 20, 2005  
Date

Torys LLP (Customer No. 33721)  
Suite 3000  
79 Wellington Street West  
Box 270, TD Centre  
Toronto, Ontario  
M5L 1A9  
Canada



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/508,950
Filing Date	04/12/2005
First Named Inventor	LONDRIY
Art Unit	2881
Examiner Name	
Attorney Docket Number	31603-2061

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A1	US-4861988	08/29/1989	Henion et al.	
	A2	US- 4963736	10/16/1990	Douglas et al.	
	A3	US- 5248875	09/28/1993	Douglas et al.	
	A4	US- 6111250	08/29/2000	Thomson et al.	
	A5	US- 6177668	01/23/2001	Hager	
	A6	US- 6483109	11/2002	Reinhold et al.	
	A7	US- 5679950	10/1997	Baba et al.	
	A8	US- 2003/0189171	10/2003	Londriy et al.	
	A9	US- 6504148	01/2003	Hager	
	A10	US- 6720554	04/2004	Hager	
	A11	US- 6121607	09/2000	Whitehouse et al.	
	A12	US- RE 36906	10/2000	Franzen et al.	
	A13	US- 2003/0189168	10/2003	Londriy et al.	
	A14	US- 6703607	03/2004	Stott et al.	
	A15	US- 2004/0011956	01/2004	Londriy et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

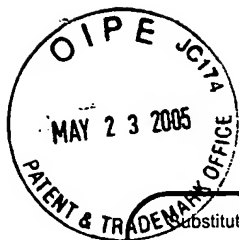
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	B1	EPO - WO 567276	04/1993	Douglas et al.		
		EP				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number 10/508,950

Filing Date 04/12/2005

First Named Inventor LONDREY

Art Unit 2881

Examiner Name

Attorney Docket Number 31603-2061

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	MARSHALL ET AL., 1998. "Fourier Transform Ion Cyclotron Resonance Mass Spectrometry: A Primer". Mass Spectrometry Reviews 17:1-35.	
	C2	DAWSON, P.H., 1980. "Ion Optical Properties of Quadrupole Mass Filters". Advances in Electronics and Electron Physics 53:153-208.	
	C3	International Search Report of PCT/CA2003/00477 (published as WO 03/088305).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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